

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	158	polyethylene near terephthalate near4 flake	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/10 08:35
L2	76	polyethylene near terephthalate near4 flake and particle	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/10 08:35
L3	76	polyethylene near terephthalate near4 flake and particle	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/10 08:35
L4	24	polyethylene near terephthalate near4 flake and particle and micron	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/10 08:35

## EAST Search History


L5	20	polyethylene near terephthalate near4 flake and (flake or particle) near4 micron	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/05/10 08:35
L6	9	polyethylene near terephthalate near4 flake and (flake or particle) near4 micron and blend\$4	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/05/10 08:36

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## Dictionary

 **dic·tion·ar·ies**

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pol·y·eth·yl·ene (pŏl'ē-ēth'ə-lēn') 

*n.*

A polymerized ethylene resin, used especially for containers, kitchenware, and tubing, or in the form of films and sheets for packaging.

## Columbia Encyclopedia



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polyethylene (pŏl'ēēth'əlēn) , widely used plastic. It is a polymer of ethylene, CH<sub>2</sub>[dbond]CH<sub>2</sub>, having the formula ([sbond]CH<sub>2</sub>[sbond]CH<sub>2</sub>[sbond])<sub>n</sub>, and is produced at high pressures and temperatures in the presence of any one of several catalysts, depending on the desired properties for the finished product. Polyethylene is resistant to water, acids, alkalies, and most solvents. Its many applications include films or sheets for packaging, shower curtains, unbreakable bottles, pipes, pails, drinking glasses, and insulation for wire and cable.

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